

ELEMENT PROJECT

30 points

You and a partner will be researching one of the elements from the Periodic Table. To organize your information, you will each complete a brainstorming sheet. Then you will create a poster which you will later present to the class.

Brainstorming

- Answer all of the questions on the provided handout using the information found on www.webelements.com
- You can work together, but you are BOTH responsible for completing a brainstorming handout
- This needs to be completed BEFORE you start working on the poster

Poster

- Information (20 pts)
 - ALL of the information from your brainstorming handout must be neatly displayed on your poster
- Pictures (3 pts)
 - You need at least 3 pictures (either drawn by hand or printed off the computer) that relate to your element neatly displayed on your poster
- Format (7 pts)
 - Your poster should be NEATLY done and easy to read
 - Use the element name as a title
 - Use bullet points to organize your information
 - Neatly add COLOR to your poster
 - Get creative!

Note: Within each class, each group must research a different element. DO NOT spend too much time trying to pick your element. You will sign up on a first come, first serve basis!

Name _____ Partner _____

Element Project: Brainstorming

Go to www.webelements.com and click on your element

Name of Element: _____

Essential Data

- Brief Description _____

- Symbol _____
- Atomic number _____
- Atomic weight _____
- Standard State _____ at _____ K
- Group in Periodic Table _____
- Period in Periodic Table _____
- Colour _____
- Classification _____

Physical Properties

- Melting Point _____
- Boiling Point _____
- Density _____

Uses (at least 3)

- _____

- _____

- _____

History

- Discovery _____

- Meaning and/or Origin of Name _____

Element around Us

- Geological information _____

- Biological information _____

Reactions of Element

- With Air _____

- With Water _____

